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(54) Title: BIODEGRADABLE PHASE SEPARATED SEGMENTED MULTI BLOCK CO-POLYMERS

(57) Abstract: The invention is directed to biodegradable, thermoplastic, phase separated segmented multi-block copolymers. The copolymers of the present invention find use in various biomedical applications as well as in pharmaceutical applications. According to the invention a biodegradable, phase separated copolymer is provided, comprising segments of a soft prepolymer (A) having a T_g lower than 37°C; and segments of a hard prepolymer (B) having a phase transition temperature T_m of 40-100°C.